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January 1965

PHOTOGRAPHIC INTERPRETATION REPORT

COMMUNICATIONS FACILITY OLENEGORSK, USSR

DECLASSIFICATION REVIEW BY NIMA / DoD



CIA



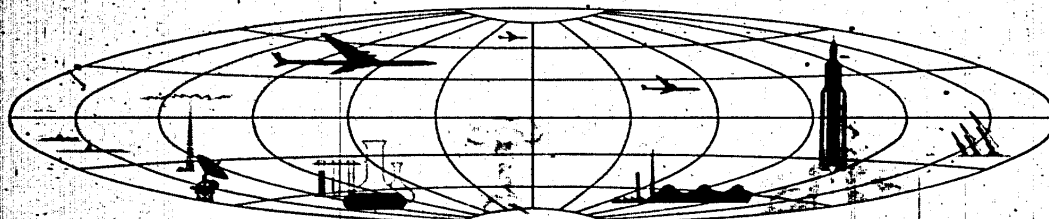
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COMMUNICATIONS FACILITY, OLENEGORSK, USSR

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On KEYHOLE photography of [REDACTED] a high-frequency (HF) rhombic antenna communications facility was noted under construction at 68-10-20N 33-16-25E, about 2 nautical miles north of Olenegorsk (Figure 1). This location is the site of an abandoned airfield, some traces of which still remain.

The antenna field (Figures 2 and 3) consists of 3 pairs of day-night rhombics laid out in a triangular pattern around a probable control building. Technical data for the antennas are given in Table 1. Additional guy anchor positions to the west and southwest of the probable

control building indicate continuing construction in the antenna field. Buildings within the fenced enclosure consist of the aforementioned probable control building and 7 storage- and maintenance-type structures, additional information for which is given in Table 2.

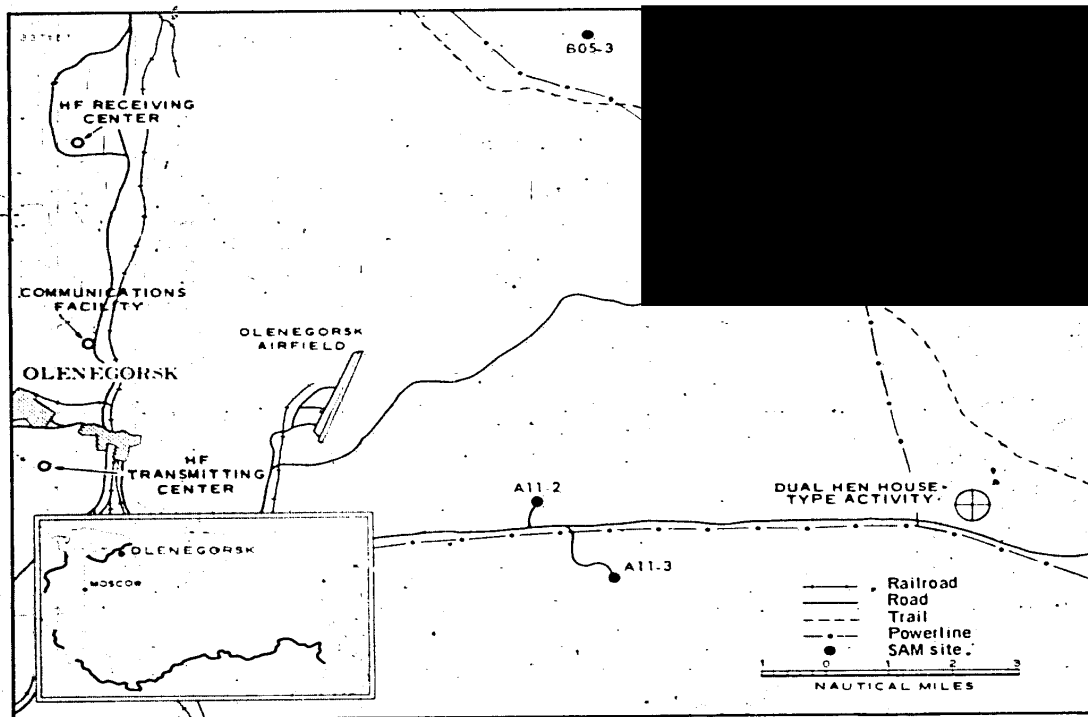
All antennas at the facility have been constructed since [REDACTED]. The buildings have been constructed since [REDACTED] and most were first observed on photography of [REDACTED].

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FIGURE 1. LOCATION MAP.

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FIGURE 2. HF RHOMBIC ANTENNA COMMUNICATIONS FACILITY, OLENEGORSK.

Table 1. Technical Data for Rhombic Antennas (Letters Keyed to Figure 2)

Antenna Letter	Major Axis (ft)	Minor Axis (ft)	Length of Side (ft)	Wave Angle (°)	Skip Distance (mi)	Probable Correspondent
A	750	360	415	25	750	Moscow
B	440	210	245	25	750	Moscow
C	440	210	245	25	750	Moscow
D	750	360	415	25	750	Moscow
E	750	360	415	25	750	Leningrad
F	440	210	245	25	750	Leningrad

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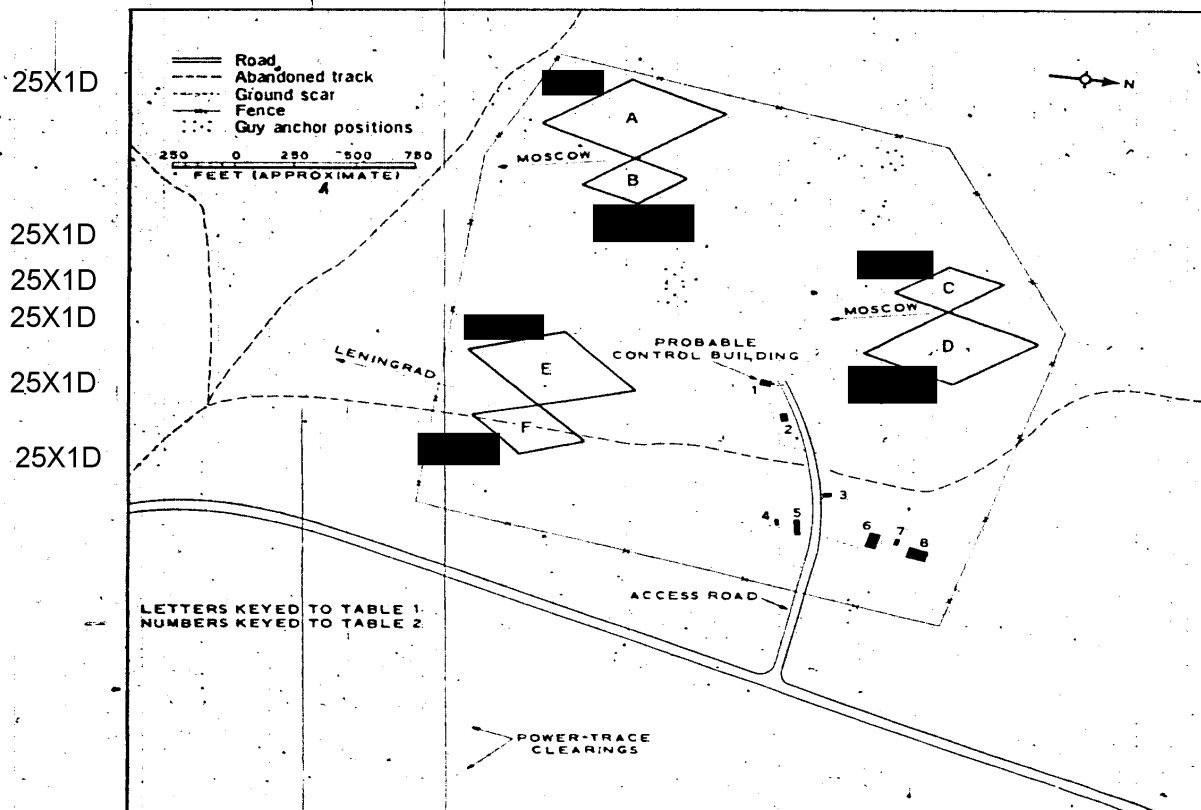


FIGURE 3. LAYOUT OF COMMUNICATIONS FACILITY.

Table 2. Additional Information on Structures (Numbers Keyed to Figure 3)

Item Number	Type of Structure	Dimensions (ft. approx)	Roof Type
1	Probable control bldg	55 x 40	Flat
2	Storage & maintenance	55 x 35	Flat
3	Storage & maintenance	35 x 30	Flat
4	Storage & maintenance	---	Flat
5	Storage & maintenance	85 x 30	Flat
6	Storage & maintenance	75 x 35	Flat
7	Storage & maintenance	---	Flat
8	Storage & maintenance	55 x 35	Flat

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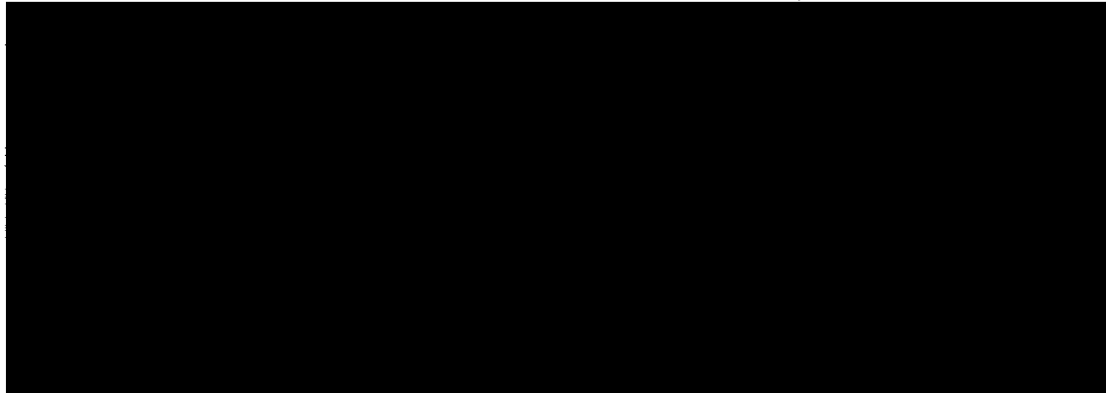
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REFERENCE

PHOTOGRAPHY



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MAPS OR CHARTS

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REQUIREMENT

CIA. C-814-S1.081

NPIC PROJECT

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